Weekly Metrics for November 2 - 8, 2003

Mission (Launch Date)	Instrument	Category	Data Center	RQMTS (GB)	Requirements * Multiplier	Actual (GB)	Footnote
SORCE (1/03)	TIM/SIM/ SOLSTICE/ XPS	L0 Ingest	GES DAAC	0.9	1x Baseline	0.9	A
		Archive	GES DAAC	0.9	1x Baseline	0.9	A
ICESat (1/03)	GLAS	L0 Ingest	NSIDC	41	1x Baseline	36	W
		L1 Prod	NSIDC	115	1x Baseline	0	W
		L2-3 Prod	NSIDC	43	1x Baseline	0	W
		Archive	NSIDC	199		36	W
Aqua (5/02)	AIRS/ AMSU/ HSB	L0 Ingest	GES DAAC	98	1x Baseline	56	Z
		L1 Prod	GES DAAC	807	Various	552	U, Z
		L2 - 3 Prod	GES DAAC	107	2.03x Baseline	103	U, Z
		Archive	GES DAAC	1,012	Various	711	U, Z
		Distribution	GES DAAC				
		Production				220	
		End users		471	Various	174	G
		Data Pool				39	V
	AMSR-E	L0 Ingest	NSIDC	10	1x Baseline	2	B, Z
		L1 Ingest	NSIDC	9	Various	87	B, Z
		L2-L3 Prod	GHRC	38	2.03x Baseline	15	C, Z
		Archive	NSIDC	67	Baseline	1	C, Z
		Distribution	NSIDC				
		Production				2	
		End Users		35	1.015x Baseline	4	G
		Data Pool				103	V
	CERES	Archive	ASDC	169	Various	Included In Terra CERES	
		Distribution	ASDC				See Footnote S
		Testing/QA		1,421	IT Requirements		
		End Users		109	1.015x Baseline		
	MODIS	L0 Ingest	GES DAAC	518	1x Baseline	491	
		L1 Prod	GES DAAC	5,047	Various	2,359	M
		L2-L4 Prod	MODAPS	6,395	2.03x Baseline	3,883	M, R
		Archive	LP DAAC	3,516	Various	2,272	M, R
			GES DAAC	8,015	Various	4,331	M, R
			NSIDC	426	Various	130	M, R
		Distribution	LP DAAC				
		Testing/QA		23	IT Requirements	0	
		End User		2,345	1.015x Baseline	41	G
		Data Pool				0	V
		Distribution	GES DAAC				
		Testing/QA		362	IT Requirements	9	
		To MODAPS/LaRC				2,734	
		End Users		4,157	1.015x Baseline	176	G
		Data Pool				38	V
		Distribution	NSIDC				
		End User		284	1.015x Baseline	0.2	G
		Data Pool				0	V
METEOR 3M (12/01)	SAGE III	Archive	ASDC	0.9	Various	0.5	D, P
		Distribution	ASDC				
		Production				0.5	
		End Users		0.02	1.015x Baseline	0.2	
ACRIMSAT (12/99)	ACRIM 3	Archive	ASDC	1	1x Baseline	0	D
	ASTER	L1A Ingest	LP DAAC	680	1x Baseline	411	E
		L1B Ingest	LP DAAC	271	1.015x Baseline	137	E

Mission	Instrument	Process	Facility		Method		Notes
		L1B Archive	LP DAAC	271	1.015x Baseline	411	E
		L2-L3 Prod	LP DAAC	1,221	3.045x Baseline	176	E
		Archive	LP DAAC	2,173	Various	2,269	E
		Distribution	LP DAAC				
		Production				1,588	
		End Users		1,221	1.015x Baseline	246	G, O
		Data Pool				0	V
	CERES	Archive	ASDC	357	Various		S
		Distribution	ASDC				
		Testing/QA		1,421	IT Requirements		
		End Users		119	1.015x Baseline		G, O
	MISR	L0 Ingest	ASDC	249	1x Baseline	257	
		L1 Prod	ASDC	3,359	Various	3,194	F
		L2-L3 Prod	ASDC	285	3.045x Baseline	293	F
		Archive	ASDC	3,894	Various	3,745	F
		Distribution	ASDC				
		Testing/QA		137	IT Requirements	115	
		Production				1,351	
		End Users		1,215	1.015x Baseline	1,664	G, O
		Data Pool				7	V
Terra (12/99)	MODIS	L0 Ingest	GES DAAC	518	1x Baseline	510	
		L1 Prod	GES DAAC	7,570	Various	3,247	N
		L2-L4 Prod	MODAPS	12,789	3.045x Baseline	14,883	
		Archive	LP DAAC	7,034	Various (L2-L4)	2,872	
			GES DAAC	12,990	Various (L0-L4)	11,875	I
			NSIDC	853	Various (L2-L3)	136	I, Q
		Distribution	LP DAAC				
		Testing/QA		23	IT Requirements	1	
		End Users		2,345	1.015x Baseline	5,322	G, O
		Data Pool				0	V
		Distribution	GES DAAC				
		Testing/QA		362	IT Requirements	75	G
		To MODAPS/LaRC				5,510	
		End users		4,157	1.015x Baseline	4,025	
		Data Pool				112	V
		Distribution	NSIDC				
		End Users		284	1.015x Baseline	54	G, O
		Data Pool				0.04	V
	MOPITT	L0 Ingest	ASDC	2	1x Baseline	2	
		L1 Prod	SIPS	2	Various	0	J
		L2 Prod	SIPS	2	3.045x Baseline	0	J
		Archive	ASDC	6	Various	2	
		Distribution	ASDC				
		Production				3	
		End Users		1	1.015x Baseline	6	G, O
		Data Pool				0.3	V
Landsat-7 (4/99)	ETM+	Archive	LP DAAC	1,092	250 Scenes	876	X
		Distribution	LP DAAC	58	ECS ICD	24	
ADEOS-II (12/02)	SeaWinds	Archive (L0+)	PO DAAC			12	
		Distribution	PO DAAC			475	Y
Jason-1 (12/01)	Poseidon 2	Archive (L0+)	PO DAAC			15	
		Distribution	PO DAAC	NA	NA	44	K
QuikScat (6/99)	SeaWinds	Archive (L0+)	PO DAAC			41	
		Distribution	PO DAAC	109	Weekly Average	174	K
TOPEX (8/92)	Poseidon	Archive (L1+)	PO DAAC			0	
		Distribution	PO DAAC	24	Weekly Average	54	K
Other Missions	Various Instruments	Archive (L2+)	PO DAAC			21	
		Distribution	PO DAAC	NA	NA	556	L

Notes:

    A. Required and actual data volumes are for L0 products only. Higher-level product has not been produced yet.
    B. The actual L0 data rate from AMSR-E is 6.6 GB/week. This is lower than ESDIS baseline requirement. Updating of the baselined requirements is in process.
    C. Production of L2 and L3 products resumed on September 3.
    D. Data from this instrument is not transmitted to DAAC daily.
    E. Volumes of ASTER L1A and L1B products are a function of production at ERSDAC in Japan. L1A and L1B volumes include the expedited data sets generated at LP DAAC. ASTER L2 products are produced on demand, and the actual volumes may be significantly different from requirements. In June, LPDAAC started to generate L1B products from L1A ingested. The total archive volume includes L1B products generated at LP DAAC.
    F. Includes reprocessed data.
    G. Distribution requirements represent the delivered capacity for distribution. Because distribution is based on user orders, the actual distribution volumes may be significantly different from the available capacity.
    I. Ingest/archival of MODIS L2+ products is dependent on MODAPS reprocessing schedule.
    J. Has not received any L1 or L2 products from MOPITT SIPS.
    K. Distribution requirements are weekly averages of media distribution volumes based on subscriptions for a full year.
    L. Includes distribution of educational materials.
    M. The requirements for this instrument include reprocessing, but no reprocessing has started yet.
    N. Very little reprocessing of Terra MODIS L1B products was done.
    O. Does not include distribution by data pool.
    P. Includes data from 107 data dates from 2003 (1/1-2/28, 9/29-10/9) over 10/27-30.
    Q. Values reported here represent what have been archived at DAACs. MODAPS production may be higher.
    R. Ingest/archival of MODIS L2+ products are dependent on MODAPS processing schedule.
    S. Actual archival volume represents a total for 3 missions (TRMM, Terra, and Aqua).
    T. With the completion of the reprocessing of ocean products, only atmospheric and land products were reprocessed.
    U. Includes the reprocessed data for February 18 – 27, 2003.
    V. Total amount of data distributed through Data Pool. Due to unavailability of user characteristics information, further breakdown by user category (e.g., data producers, end users) is not possible at this time.
    W. Laser #2 was turned on at 1:37 pm on September 25. Laser #2 is scheduled to be turn off around November 21 to conserve power.
    X. Landsat-7 scan line corrector (SLC) failed on May 31 and subsequently Landsat-7 ETM+ was shut down. In mid July US stations resumed data collection with the SLC off. The Landsat 7 ETM+ data became available to the public as of October 22.
    Y. Currently distribution of ADEOS-II data is limited to the instrument team members for calibration/validation purposes.
    Z. This instrument was commanded to survival or sleep mode to protect against the radiation effects from the solar flare until November 6.

Baseline requirements refer to the May 2003 EOSDIS technical baseline. The QA requirements for distribution are the Level 2 requirements based on inputs from instrument teams (ITs). The requirements multipliers are ramp-up factors to account for forward processing and reprocessing. They varies, depending on processing level and launch date. Ramp-up factors used in this table are:

Processing Level	1st year after launch	2nd year	Launch+2 or more year
L0	1	1	1
L1A	1	2	3
L1B	1.015	2x1.015	3x1.015
L2-4	0.5*1.015	1.5*1.015	3*1.015

Please note that browse data volumes for L1B-L4 products are assumed to be 1.5% of product volumes.